CLAIMS

What I claim is:

[c1] 1. A method for automatically connecting to electronic addresses received in spoken communications, comprising:

receiving at least one telephone call including voiced address information, wherein the voiced address information corresponds to at least one electronic address;

identifying the voiced address information;

automatically extracting the identified voiced address information based on the identified voiced address information;

receiving user input; and

after receiving the user input, automatically coupling to at least one electronic address associated with the voiced address information based in part on the automatically extracted and identified voiced address information.

[c2] 2. The method of claim 1, further comprising:

storing the at least one telephone call as at least one voice mail message;

retrieving and playing the at least one voice mail message;

scanning the at least one voice mail message for the voiced address information;

identifying at least one portion of the at least one voice mail message that includes the voiced address information; and

re-playing the identified at least one portion to verify in the at least one portion accuracy of address information for the electronic address.

[c3]   3.   The method of claim 1, further comprising:

generating an electronic message including the extracted voiced address information;

forwarding the electronic message among at least one location pre-specified by a user; and

extracting the voiced address information from the electronic message following receipt at the at least one location.

[c4]   4.   The method of claim 3, wherein the at least one location includes a telephone, wherein at least one operation can be performed on the address information including editing and storing.

[c5]   5.   The method of claim 3, wherein the at least one location includes at least one call switch, wherein a first electronic connection is terminated in order to establish the coupling.

[c6]   6.   The method of claim 3, wherein the at least one location includes at least one server, wherein at least one operation can be performed on the address information including editing, loading into at least one directory, and posting to at least one web page.

[c7]   7.   The method of claim 2, further comprising configuring the retrieving and scanning using a configuration selected from among at least one automatic and at least one manual configuration, wherein the at least one automatic configuration automatically retrieves and scans the at least one voice mail message, wherein the at least one manual configuration retrieves and scans the at least one voice mail message upon receipt of at least one corresponding user command.

[c8]   8.   The method of claim 1, further comprising receiving at least one command from a user, wherein the at least one command is of a type selected from among spoken commands and manual input commands.

[c9]   9.   The method of claim 1, wherein the electronic address types further include electronic mail addresses and Uniform Resource Identifiers.

[c10]   10.   The method of claim 1, wherein coupling comprises connecting a called party with two or more other parties during a telephone call using the at least one electronic address, wherein a conference call is established.

[c11]   11.   The method of claim 1, wherein the at least one electronic address is associated with at least one device selected from among personal computers, processor-based devices, wired telephones, wireless telephones, wired radiotelephones, wireless radiotelephones, Internet telephones, cellular telephones, pagers, personal digital assistants, personal communication devices, electronic mail devices, telematic systems, and infomatic systems.

[c12]   12.   A method for automatically connecting to electronic addresses in voice streams, comprising receiving electronic communications including the voice streams, automatically recognizing and extracting the electronic addresses from the received voice streams using automatic voice recognition, and automatically connecting two or more electronic communication devices using the electronic addresses.

[c13]   13.   A communications system, comprising:
        at least one network coupled among components including:
            at least one portable communications device;
            at least one routing system;
            at least one voice message system; and

at least one recognition/connection system;

wherein the components support voice recognition analysis on live

calls and recorded information, wherein the voice recognition

analysis includes:

analyzing at least one voice stream,

identifying spoken address information of the at least one

voice stream, wherein the spoken address information

includes at least one electronic address selected from

electronic address types including telephone numbers,

automatically recognizing and extracting the identified

address information,

transferring the extracted address information to at least one

pre-specified location, and

automatically connecting users to the at least one electronic

address using the extracted address information in

response to a command.

[c14]   14.   The system of claim 13, wherein users select configurations from among configurations including automatic and manual configurations, wherein at least one automatic configuration automatically retrieves and scans the at least one voice mail message, wherein at least one manual configuration retrieves and scans the at least one voice mail message upon receipt of at least one corresponding user command.

[c15]   15.   The system of claim 13, wherein transferring includes using at least one short message transfer type selected from among short message services and alphanumeric paging services.
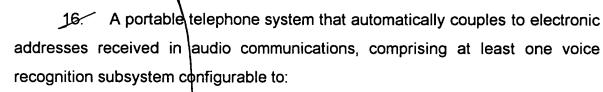
[c16]   16. A portable telephone system that automatically couples to electronic addresses received in audio communications, comprising at least one voice recognition subsystem configurable to:

analyze received verbal data;

identify spoken address information of the verbal data, wherein the spoken address information includes at least one electronic address selected from electronic address types including telephone numbers;

automatically recognize and extract the identified spoken address information;

format the extracted address information;

transfer the formatted address information to at least one pre-specified location;

couple to the at least one electronic address using the transferred address information.

[c17]   17. The system of claim 16, wherein the analysis is either real-time analysis of telephone calls or post analysis of voice mail messages.

[c18]   18. The system of claim 16, wherein the transfer includes using at least one short message transfer type selected from among short message services and alphanumeric paging services to transfer the extracted address information to a user's portable telephone.

[c19]   19. A portable electronic device that automatically couples users among electronic addresses received in spoken communications, comprising at least one recognition/connection system that performs voice recognition analysis on live calls and recorded information, wherein the voice recognition analysis includes analyzing at least one voice stream, identifying address information of the at least one voice stream, wherein the address information includes at least one

electronic address selected from electronic address types including telephone numbers, automatically recognizing and extracting the identified address information, transferring the extracted address information to at least one pre-specified location, and coupling to the at least one electronic address using the extracted address information in response to a user command.

[c20]   20.   The device of claim 19, wherein transferring includes using at least one short message transfer type selected from among short message services and alphanumeric paging services to transfer the extracted address information to a user's portable communication device.

[c21]   21.   A computer readable medium including executable instructions which, when executed in a processing system, automatically couples to electronic addresses received in spoken communications by:

> receiving at least one telephone call including voiced address information, wherein the voiced address information corresponds to at least one electronic address;

> identifying the voiced address information;

> automatically extracting the identified voiced address information based on the identified voiced address information;

> receiving user input; and

> after receiving the user input, automatically coupling to at least one electronic address associated with the voiced address information based in part on the automatically extracted and identified voiced address information.

[c22]   22.   A portable communication device that automatically connects users to electronic addresses received in spoken communications, comprising:

means for receiving at least one voice mail message including voiced address information, wherein the voiced address information corresponds to at least one electronic address;

means for identifying the voiced address information;

means for automatically extracting the identified voiced address information using voice recognition;

means for receiving user input; and

means for coupling to at least one electronic address associated with the voiced address information using the automatically extracted and identified voiced address information in response to the user input.